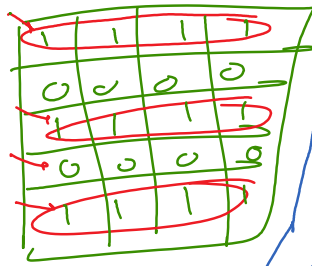
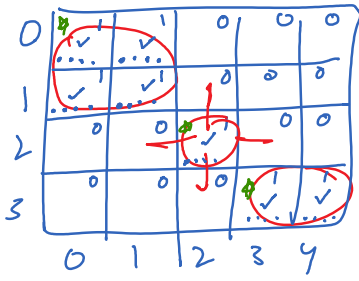
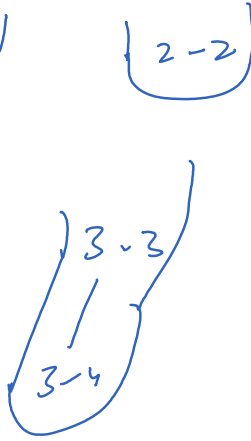
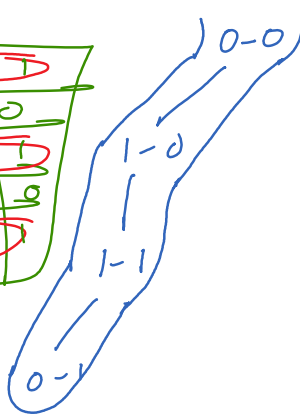


TBLR



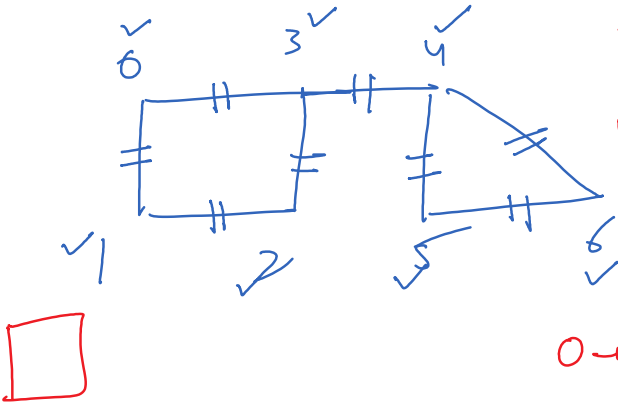
$m \times n$
 $m \times n$



✓
✓
✓

```
public void traverse(char[][] grid, boolean
if(i < 0 || j < 0 || i >= grid.length |
return;
} else if(grid[i][j] == '0'){
return;
} else if(visited[i][j] == true){
return;
}
visited[i][j] = true;
traverse(grid, visited, i - 1, j);
traverse(grid, visited, i + 1, j);
traverse(grid, visited, i, j - 1);
traverse(grid, visited, i, j + 1);
}
```

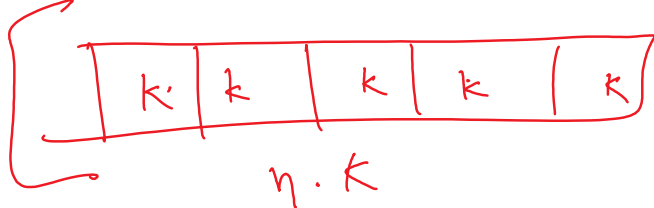
$V + \Sigma \rightarrow O(m \times n)$



01	10
03	30
12	21
23	32
34	43
45	54
46	64
56	65



$V + \Sigma$
 $V + 2\Sigma$
 $0 \rightarrow (01, 02)$
 $1 \rightarrow (16, 12)$
 $2 \rightarrow (20, 21)$

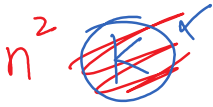


for ($i=1; i \leq n; i++$)
if ($i == 5$)

$n^2 + 1d \ i=5$

0

$i \neq (i = 5) \rightarrow$



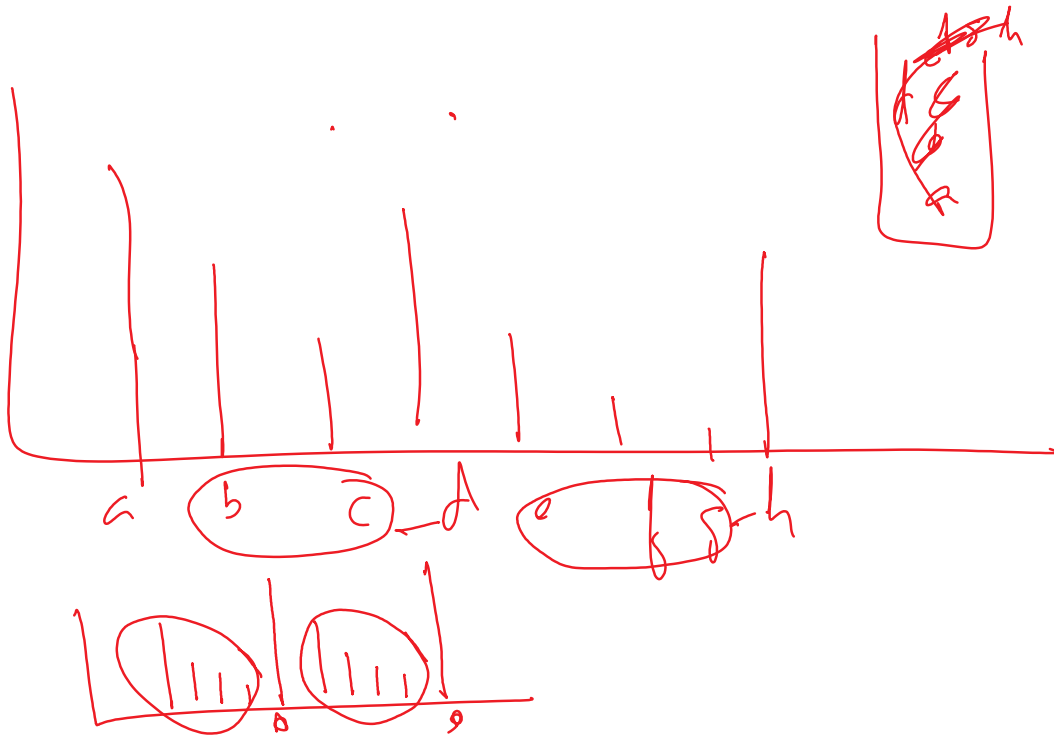
$n^2 + 1 \neq 5$

$(n, 1) \times k^f \quad i \neq 5$

$n^2 \times k^f n$

}

}



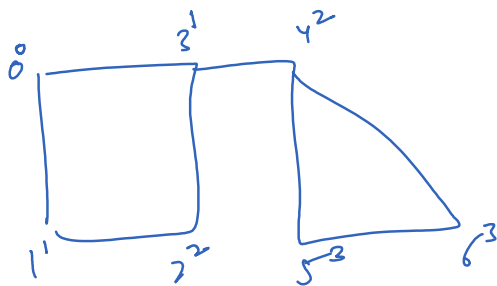
8

α	α	α	α	α	α	α	α	α
α	1	1	1	α	1	1	1	α
α	α	α	α	1	α	α	α	α
α	α	1	α	1	α	1	1	α
α	α	1	1	α	α	1	α	α
α	α	α	α	α	α	1	α	α

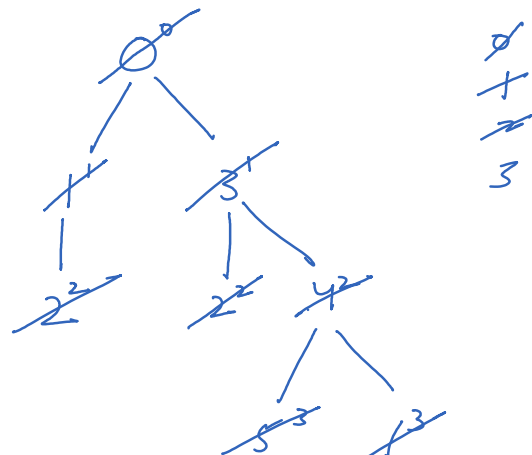
10:32
10:45

	$\sqrt{3}$	$\sqrt{3}$				
$\sqrt{3}$	$\sqrt{2}$	$\sqrt{1}$	\star		$\sqrt{1}$	
			$\sqrt{1}$		\star	
			$\sqrt{2}$		$\sqrt{1}$	
		$\sqrt{4}$	$\sqrt{3}$		$\sqrt{2}$	
					$\sqrt{3}$	
	$\sqrt{1}$	$\sqrt{2}$				

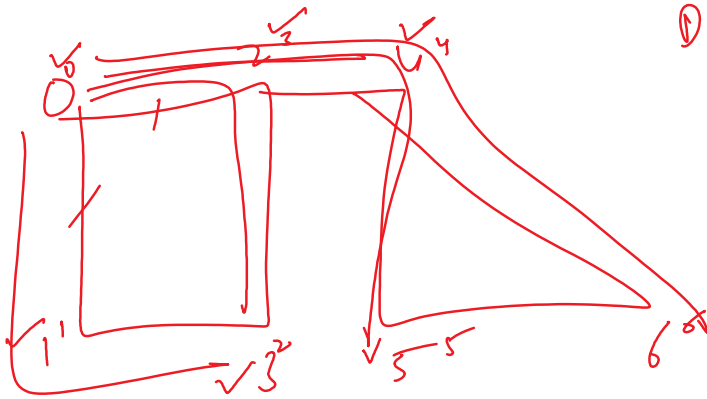
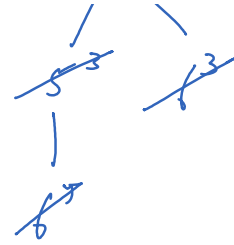
11:08 - 11:20



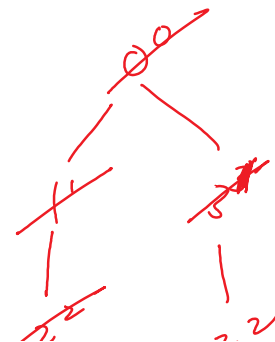
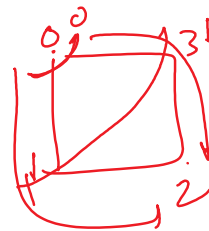
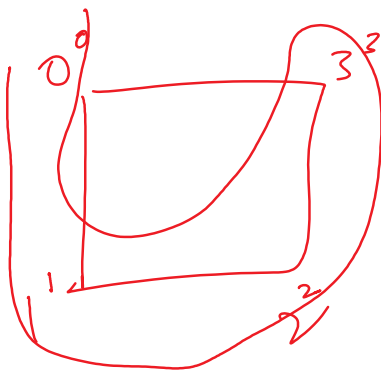
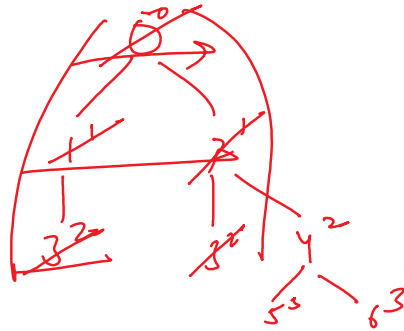
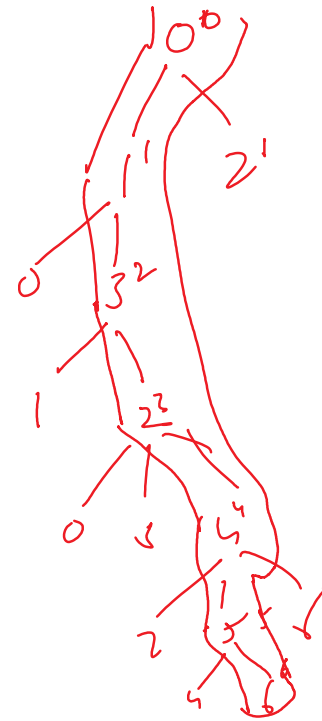
n m w an



$n \cdot m^{\circ} \cdot w \cdot an^{\circ}$



DFS

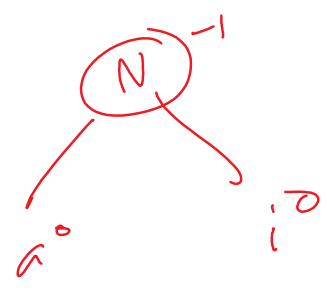


-

~~1~~
~~2~~

1
22

	0	1	2
0	a 2	b 1	c 1
1	d 1	e 1	f 1
2	g 0	h 1	i 2



<u>R</u>				
<u>R</u>	<u>R</u>	<u>R</u>	<u>D</u>	
<u>R</u>	<u>R</u>	<u>R</u>	<u>D</u>	

3

~~6~~

Homework

11

11

111